| Index of Claims | Application No. | Applicant(s) |
|---------------------------------------|------------------|--------------|
| 1 1 1 1 1 1 1 1 1 1 | 10/729,938 | IWAJI ET AL. |
| | Examiner | Art Unit |
| | Renata McCloud | 2837 |
| (Through nur | meral) | |
| √ R jected | d N Non-Elected | A Appeal |
| = Allowed ÷ Pestricte | d I Interference | O Objected |

| | | | | | | | | | | Ĺ | <u> </u> | | | | 4 | | | | | | | | | | | | | | | | | | | |
|--------------|----------|----------------|--|--------------|----------|----------|----------|----------|-------------------|-----------------|----------|-----|----------------|-----------|---|--|----------|----------|----------|----------|----------|-----------------|------|-------|------------|--------------|----------|----------|-----------|-----------|----------|----------|----------|-----------------|
| Cla | im | Date | | | | | | <u>;</u> | Claim Da | | | | | | | | | | \neg | Г | Cla | aim | Date | | | | | | | — | \neg | | | |
| -016 | | _ | | Т | Ť | | _ | П | | М | <u> </u> | | | | | | ī | | _ | \neg | | | ŀ | Ï | | | | | Ť | | Ī | \neg | \neg | П |
| Final | Original | 5/27/04 | | | | i | | | | | Final | 5 | Original | | | | | | | | | | | Final | Original | | | | | | | | | |
| | 1 | | $\neg +$ | † | ┪ | | | | | H | \vdash | - 5 | 1 | | | _ | _ | | | \dashv | | \vdash | ŀ | | 101 | | | | \exists | | | \dashv | \neg | \sqcap |
| | 1 | | | | | | | | | | | - [| 2 | | | | | | | | | | | | 102 | | | | | | | | | |
| | 8 | | | | | | | | $\overline{\Box}$ | | | | 3 | | | | | | | | | | | | 103 | | | | _ | _ | | \dashv | | |
| | # | | | \perp | _ | | | Ш | | | _ | | 54 | _ | | | | | | | | Ш | L | | 104 | | | | _ | _ | | \dashv | _ | Ш |
| | _\$_ | | | 4 | _ | | | | | | | 5 | 5 | _ | | | | | | _ | | Ш | | | 105 | | | | _ | _ | | \dashv | \dashv | Ш |
| | -6 | | - | 4 | - | | | Ш | | \dashv | <u> </u> | | 6 | _ | | | | | | | | Н | ŀ | | 106 | | | - | | | | \dashv | - | Н |
| | | \vdash | | \dashv | - | | | | - | | | | 7 8 | - | _ | | | | | | | Н | - | | 107 108 | | | - | - | - | | \dashv | \dashv | Н |
| | 9 | _ | - | - | | | | \vdash | | \dashv | - | -+: | 9 | - | _ | | | | | | | \dashv | - | | 109 | - | | - | - | - | \dashv | \dashv | \dashv | \vdash |
| \vdash | 10 | | \dashv | \dashv | - | \dashv | | Н | | Н | \vdash | | 30 | -1 | - | | | \vdash | | | | \dashv | ŀ | | 110 | | | - | | - | \dashv | \dashv | \dashv | Н |
| \vdash | 11 | | | + | - | | | Н | \vdash | H | \vdash | | 31 | - | | | | \vdash | - | | \neg | \dashv | ŀ | | 111 | - | - | - | | \dashv | | \dashv | \dashv | Н |
| <u> </u> | 12 | 8 | | 十 | - | | - | H | | | | 1 | 32 | \neg | | | - | | | | \neg | \dashv | ŀ | | 112 | | | \neg | | | | \dashv | \dashv | Н |
| | 13 | <u>,</u> | - | $^{+}$ | \dashv | \dashv | | Н | | | | 1 | 33 | \exists | | | | | \neg | \dashv | | \sqcap | | | 113 | | \neg | \neg | | \exists | \neg | \dashv | \neg | |
| | 14 | 1 | \dashv | \dashv | \dashv | \dashv | | П | | | - | 1 | 34 | | _ | | | \vdash | | | | П | ŀ | | 114 | | | | | | | \Box | \neg | |
| | 15 | V | $\neg \uparrow$ | 7 | ヿ | | | | | П | | 1 | 35 | | | | | | | | | | Ī | | 115 | | | | | | | | | |
| | 16 | | \neg | 7 | | | | | | П | | - 6 | 6 | | | | | | | | | | | | 116 | | | | | | | | | |
| | 17 | | | | | | | | | | | | 37 | | | | | | | | | | [| | 117 | | | | | | | | | |
| | 18 | | | | | | | | | | | | 8 | | | | | | | | | | | | 118 | | | | | | | | | Ш |
| | 19 | | | | | | | | | | <u> </u> | | 9 | | ! | | | | | | | | Ļ | | 119 | | | | | | | \Box | | Ш |
| <u> </u> | 20 | | | \perp | | | | | | Ш | <u> </u> | | 0 | | | | | | | _ | | | Ļ | | 120 | | | | | _ | | _ | | Ш |
| <u> </u> | 21 | _ | | 4 | _ | _ | | | | Ш | \vdash | | ′1 | _ | | | | Ш | Щ | | | _ | - } | | 121 | | | | | _ | | \dashv | _ | Ш |
| | 22 | | | _ | _ | | | | | Н | <u> </u> | | 2 | _ | | | | <u> </u> | | | | _ | - } | | 122 | | - | | _ | _ | _ | \dashv | | Ш |
| | 23 | L | Ш. | - | | | _ | | _ | Н | - | | 73 | | | _ | | | | | | H | } | | 123 124 | | _ | | | _ | - | - | | \vdash |
| | 24 25 | - | | + | \dashv | | | - | | - | - | - | 74 75 | | | | | \vdash | - | - | _ | | 1 | | 125 | | Н | \dashv | - | - | - | \dashv | \dashv | Н |
| | 26 | ├─ | | \dashv | \dashv | | | - | _ | Н | \vdash | | 76 | | | - | | - | - | | | Н | | | 126 | | Н | - | | \dashv | | \dashv | \dashv | Н |
| | 27 | ┢ | \vdash | ┰┼ | | | | - | | Н | - | | 77 | - | | | - | - | | | | H | | | 127 | _ | Н | | | \neg | | \neg | \neg | \vdash |
| | 28 | \vdash | \vdash | + | | | _ | | | Н | | | ['] 8 | | | - | | | | | | Н | | | 128 | | | | | _ | _ | \neg | | П |
| | 29 | ┢ | \vdash | 十 | 寸 | | | ļ . | | H | - | | 79 | | | _ | | | | | | П | | | 129 | | | | | | | \sqcap | \Box | П |
| | 30 | | | 十 | \dashv | | | | | П | | - { | 30 | | | | | | | | | П | ľ | | 130 | | | | | | | | | |
| | 31 | | | | | | | | | | | - 1 | 31 | | | | | | | | | | | | 131 | | | | | | | | | |
| | 32 | | | | | | | | | | | | 32 | | | | | | | | | | | | 132 | | | | | | | | | |
| | 33 | | | | | | | | | | | | 33 | | | | | | | | | Ш | ļ | | 133 | | | | | | | Ш | لـــا | Ш |
| | 34 | | | \bot | \Box | | | | | | | | 34 | | | _ | | | Ш | | | Ш | [| | 134 | | Ш | Ш | | _ | | Ш | لـــــا | Ш |
| | 35 | | Ш | _ | _ | | _ | | <u> </u> | Ш | <u> </u> | | 35 | | | _ | <u>_</u> | | Ш | | | Щ | | | 135 | | Ш | Ш | | | <u> </u> | \sqcup | لـــا | Ш |
| | 36 | | \sqcup | 4 | | | _ | L | <u> </u> | Н | | | 36 | | | <u> </u> | | | | | | Н | | | 136 | | Ш | Ш | | | _ | \vdash | | $\vdash \vdash$ |
| | 37 | 1 | - | - | _ | | _ | H | <u> </u> | $\vdash \vdash$ | | | 37 | _ | _ | | ļ | Н | | | | \vdash | | | 137 | | \vdash | H | - | _ | <u> </u> | | \vdash | $\vdash \vdash$ |
| ⊢ | 38 39 | ├- | | \dashv | \dashv | | <u> </u> | | | Н | <u> </u> | + | 38 39 | | _ | <u> </u> | <u> </u> | \vdash | \vdash | _ | - | \vdash | | | 138 139 | - | | - | | - | | \vdash | \vdash | $\vdash \vdash$ |
| - | | - | - | + | - | _ | | | \vdash | | \vdash | | 90 | | | ┝ | ├ | - | | | | Н | | | 140 | | | | | | | \vdash | \vdash | Н |
| \vdash | 40 41 | | \vdash | + | - | | | \vdash | \vdash | \vdash | - | | 91 | | _ | | | | - | - | H | $\vdash \vdash$ | | | 141 | | \vdash | | | | \vdash | \vdash | - | \vdash |
| | 42 | \vdash | \vdash | \dashv | - | | H | H | \vdash | Н | | - | 92 | | | \vdash | - | | \vdash | | | Н | | | 142 | \vdash | H | | | | \vdash | \sqcap | \dashv | H |
| <u> </u> | 43 | | \vdash | ╅ | ᅱ | | \vdash | 1 | \vdash | Н | | | 3 | | | _ | - | | | | Т | H | | | 143 | | П | | | | | \sqcap | \neg | М |
| | 44 | ı | $\vdash \vdash$ | \dashv | | | Т | \vdash | \vdash | \vdash | - | 1 | 94 | | Т | | \vdash | | | | | Н | } | | 144 | | П | | | | | \sqcap | \neg | |
| | 45 | \vdash | | 7 | | | | \vdash | \vdash | М | | | 95 | | | | | | | | | П | | | 145 | | | | | | | \Box | \neg | |
| | 46 | _ | \vdash | 7 | | | Т | 1 | | П | | 1 | 36 | | | | | П | | | | П | | | 146 | | | | | | | | | |
| | 47 | | | | | | | | | | | | 97 | | | | | | | | | | | | 147 | | | | | | | | | |
| | 48 | | | | | | | | | | | 1 | 98 | | | | | | | | | | | | 148 | | | | | | | | | |
| | 49 | | | I | | | Ĺ | 匚 | Ĺ | 口 | | | 9 | | | L | | 匚 | | | | | [| | 149 | _ | L_ | | | | | Ш | <u> </u> | <u> </u> |
| L | 50 | _ | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | | | | | | L | Ш | | _ 1 | 00 | | | L | | | | | <u> </u> | لـــا | | | 150 | | L | | L | | | Ш | | L |